

Title (en)

METHOD AND DEVICE FOR MEASURING THE TWIST OF A TEXTILE YARN.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MESSUNG DER VERWINDUNG EINES TEXTILGARNS.

Title (fr)

PROCEDE ET DISPOSITIF POUR MESURER LA TORSION D'UN FIL TEXTILE.

Publication

EP 0466892 B1 19941005

Application

EP 91903791 A 19910205

Priority

- FR 9001393 A 19900206
- FR 9100078 W 19910205

Abstract (en)

[origin: WO9112490A1] A method and a device for optically measuring the twist in a textile yarn. The device comprises a means (20) for illuminating the yarn (10) with a light beam (11) in order to form a patch of light (12) which corresponds to the light diffracted by the fibres on the surface of the compact core of the yarn. Then, the energy distribution of said patch is analyzed using for example a rotary scanner in order to define the angle of twist by determining the energy peak in said patch (12).

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IPC 8 full level

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WO 9112490 A1 19910822; DE 69104423 D1 19941110; DE 69104423 T2 19950518; EP 0466892 A1 19920122; EP 0466892 B1 19941005; FR 2657959 A1 19910809; FR 2657959 B1 19920430; US 5210594 A 19930511

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